

Claims

[c1] **What is claimed is:**

1. A method for accessing data on an optical disc with an optical disc drive, wherein the optical disc comprises at least one session, the session comprising a lead-in area and a program data area, the method comprising:
 - providing the optical disc drive with an optical pickup for accessing the data on the optical disc;
 - using the optical pickup to record a table of contents in the lead-in area of the session of the optical disc;
 - using the optical pickup to record descriptive data corresponding to the table of contents in the lead-in area of the session; and
 - using the optical pickup to record program data corresponding to the table of contents in the program data area of the session.

[c2] 2. The method of claim 1 wherein the descriptive data comprises a content data for describing the program data on the program data area.

[c3] 3. The method of claim 2 wherein the descriptive data further comprises a length data for marking a length of the content data.

[c4] 4. The method of claim 2 wherein the descriptive data further comprises an ending data recorded at the end of the descriptive data for marking an ending position of the descriptive data.

[c5] 5. The method of claim 2 wherein the descriptive data further comprises a category data for marking a category of the content data.

[c6] 6. The method of claim 5 wherein the category data is recorded at the beginning of the description data.

[c7] 7. The method of claim 1 wherein a plurality of sessions of the optical disc are arranged in order.

[c8] 8. The method of claim 1 wherein the optical disc is a CD-ROM, a VCD, or a DVD.

- [c9] 9.The method of claim 1 wherein the optical disc drive is a CD-ROM drive, a VCD drive, or a DVD drive.
- [c10] 10.The method of claim 1 wherein the session further comprises a lead-out area.
- [c11] 11.The method of claim 1 further comprising:
 - using the optical pickup to read the table of contents and the descriptive data on the lead-in area of the session;
 - providing the optical disc drive with a monitor;
 - using the optical pickup to read the program data on the program data area of the session according to the table of contents on the lead-in area of the session; and
 - using the optical drive to execute the program data and display the descriptive data on the monitor at the same time.